

```
UUU      UUU  EEEEEEEEEEEEEEE  TTTTTTTTTTTTTTT  PPPPPPPPPPPP
UUU      UUU  EEEEEEEEEEEEEEE  TTTTTTTTTTTTTTT  PPPPPPPPPPPP
UUU      UUU  EEEEEEEEEEEEEEE  TTTTTTTTTTTTTTT  PPPPPPPPPPPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEEEEEEEEEEEEEE  TTT      TTT
UUU      UUU  EEEEEEEEEEEEEEE  TTT      TTT
UUU      UUU  EEEEEEEEEEEEEEE  TTT      TTT
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUU      UUU  EEE      TTT      PPP      PPP
UUUUUUUUUUUUUUUU  EEEEEEEEEEEEEEE  TTT      TTT
UUUUUUUUUUUUUUUU  EEEEEEEEEEEEEEE  TTT      TTT
UUUUUUUUUUUUUUUU  EEEEEEEEEEEEEEE  TTT      TTT
```

```

LL               IIIIII               SSSSSSSS
LL               IIIIII               SSSSSSSS
LL               II                  SS
LL               II                  SS
LL               II                  SS
LL               II                  SS
LL               II                  SSSSSS
LL               II                  SSSSSS
LL               II                  SS
LL               II                  SS
LL               II                  SS
LL               II                  SS
LLLLLLLLLLLLLL  IIIIII               SSSSSSSS
LLLLLLLLLLLLLL  IIIIII               SSSSSSSS

```

G 8  
16-Sep-1984 01:53:36  
5-Sep-1984 20:38:33

VAX-11 FORTRAN V3.4-56  
DISK\$VMSMASTER:[UETP.SRC]UETFORT01.FOR;1

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0001 C
0002 C Version: 'V04-000'
0003 C
0004 C*****
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0023 C*
0024 C*
0025 C*****
0026
0027 C ALCOA ENGINEERING STANDARDS -- 32.6.7.1 MAY, 1972
0028 C TESTS OF STANDARD FORTRAN (ANSI X3.9-1966)
0029 C TEST 3.5.3.3
0030 C
0031 C PROGRAM UETFORT01
0032 C INTEGER A(10), B(5,5), C(4,4,4), S
0033 C*****
0034 C IPU=6
0035 C ICU=5
0036 C*****
0037 C ISW= 1
0038 C WRITE (IPU,376)
0039 376 FORMAT(1H1,33X,39H ALCOA ENGINEERING STANDARD -- 32.6.7.1///)
0040 C WRITE (IPU,378)
0041 378 FORMAT (20H BEGIN TEST 3.5.3.3 )
0042 C DO 9 I=1,10
0043 9 A(I)= 0
0044 C DO 81 J=1,5
0045 C DO 81 I=1,5
0046 81 B(I,J)= 0
0047 C DO 20 K=1,4
0048 C DO 20 J=1,4
0049 C DO 20 I=1,4
0050 20 C(I,J,K)=0
0051 C S=1
0052 1 READ( ICU,11 ) I, A(I)
0053 C IF( A(7) .NE. 7 ) GO TO 30
0054 C S=2
0055 2 READ( ICU,11 ) I,J, B(I,J)
0056 C IF( B(3,2) .NE. 8 ) GO TO 40
0057 C S=3
```



```
0058 3 READ( ICU,11 ) I,J,K, C( I,J,K )
0059 IF( C(2,3,4) .NE. 58 ) GO TO 50
0060 S=4
0061 200 DO 12 I=1,10
0062 12 A(I)= 0
0063 4 READ( ICU,11 ) I,( A(L), L=1,I )
0064 DO 13 I=1,10
0065 IF( A(I) .NE. 1 ) GO TO 30
0066 13 CONTINUE
0067 S=5
0068 201 DO 14 J=1,5
0069 DO 14 I=1,5
0070 14 B(I,J)= 0
0071 5 READ( ICU,11 ) I,J,(( B(L,M),L=1,I),M=1,J )
0072 DO 15 J=1,5
0073 DO 15 I=1,5
0074 IF( B(I,J) .NE. I+5*(J-1) ) GO TO 40
0075 15 CONTINUE
0076 S=6
0077 202 DO 16 K=1,4
0078 DO 16 J=1,4
0079 DO 16 I=1,4
0080 16 C(I,J,K)= 0
0081 6 READ( ICU,11 ) I,J,K,((( C(L,M,N),L=1,I),M=1,J),N=1,K )
0082 DO 17 K=1,4
0083 DO 17 J=1,4
0084 DO 17 I=1,4
0085 IF( C(I,J,K) .NE. I+4*(J-1)+16*(K-1) ) GO TO 50
0086 17 CONTINUE
0087 S=7
0088 203 DO 60 K=1,4
0089 DO 60 J=1,4
0090 DO 60 I=1,4
0091 60 C(I,J,K)= 0
0092 7 READ( ICU,11 ) I,J,K,C( 2*I, J-1, 3*K+1 )
0093 IF( C(2,3,4) .NE. 58 ) GO TO 50
0094 S=8
0095 205 DO 80 J=1,5
0096 DO 80 I=1,5
0097 80 B(I,J)=0
0098 8 READ( ICU,11 ) I,J,( B(I,N), N=1,J )
0099 DO 82 J=1,5
0100 IF( B(3,J) .NE. 3+5*(J-1) ) GO TO 40
0101 82 CONTINUE
0102 204 GO TO ( 18,19 ), ISW
0103 18 WRITE (IPU,21)
0104 21 FORMAT( 32H SUCCESSFUL COMPLETION )
0105 19 WRITE (IPU,377)
0106 377 FORMAT (21HEND OF TEST 3.5.3.3 )
0107 STOP
0108 30 WRITE (IPU,31) S,A
0109 31 FORMAT( 19HERROR IN STATEMENT, 12 / 9H ARRAY A /
0110 1 1H , 10I3 )
0111 32 ISW= 2
0112 S=S+1
0113 GO TO ( 1,2,3,200,201,202,203,205,204 ), S
0114 40 WRITE (IPU,41) S,B
```

```

0115      41  FORMAT (19HOERROR IN STATEMENT,12/9H ARRAY B ,(/
0116      11H ,2013))
0117      GO TO 32
0118      50  WRITE (IPU,51) S,C
0119      51  FORMAT (19HOERROR IN STATEMENT, 12/ 9H ARRAY C ,(/
0120      11H ,2013))
0121      GO TO 32
0122      11  FORMAT( 3912 )
0123      END

```

## PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	1496	PIC CON REL LCL SHR EXE RD NOWRT LONG
1 \$PDATA	275	PIC CON REL LCL SHR NOEXE RD NOWRT LONG
2 \$LOCAL	484	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
Total Space Allocated	2255	

## ENTRY POINTS

Address	Type	Name
0-00000000		UETFORT01

## VARIABLES

Address	Type	Name	Address	Type	Name	Address	Type	Name	Address	Type	Name
2-0000019C	I*4	I	2-00000194	I*4	ICU	2-00000190	I*4	IPU	2-00000198	I*4	ISW
2-000001A0	I*4	J	2-000001A4	I*4	K	2-000001A8	I*4	L	2-000001AC	I*4	M
2-000001B0	I*4	N	2-0000018C	I*4	S						

## ARRAYS

Address	Type	Name	Bytes	Dimensions
2-00000000	I*4	A	40	(10)
2-00000028	I*4	B	100	(5, 5)
2-0000008C	I*4	C	256	(4, 4, 4)

## LABELS

Address	Label	Address	Label	Address	Label	Address	Label	Address	Label	Address	Label
0-000000A3	1	0-000000E1	2	0-0000012E	3	**	4	**	5	**	6
**	7	**	8	**	9	1-0000010E	11'	**	12	**	13
**	14	**	15	**	16	**	17	0-00000505	18	0-0000051C	19
**	20	1-00000049	21'	0-0000053A	30	1-00000084	31'	0-00000564	32	0-00000580	40

UETFORT01

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VAX-11 FORTRAN V3.4-56  
DISK\$VMSMASTER:[UETP.SRC]UETFORT01.FOR;1

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1-000000B0 41'	0-000005AC 50	1-000000DF 51'	** 60	** 80	** 81
** 82	0-0000018B 200	0-000001F6 201	0-000002B4 202	0-000003CA 203	0-000004FC 204
0-00000464 205	1-00000000 376'	1-0000006C 377'	1-00000032 378'		

#### COMMAND QUALIFIERS

FORTRAN /LIS=LIS\$:UETFORT01/OBJ=OBJ\$:UETFORT01 MSRC\$:UETFORT01

/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)

/DEBUG=(NOSYMBOLS,TRACEBACK)

/STANDARD=(NOSYNTAX,NOSOURCE FORM)

/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)

/F77 /NOG\_FLOATING /14 /OPTIMIZE /WARNINGS /NOD\_LINES /NOCROSS\_REFERENCE /NOMACHINE\_CODE /CONTINUATIONS=19

#### COMPILATION STATISTICS

Run Time: 4.58 seconds  
Elapsed Time: 11.83 seconds  
Page Faults: 156  
Dynamic Memory: 197 pages

UET  
V04



0411 AH-BT13A-SE  
VAX/VMS V4.0

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